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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV, Athens, GA 30613

November 4, 1982

Results of Cyanide and Classical Analyses; SAAD Site Trousdale Road; 82-131B

Tom B. Bennett, Jr., Chief Chemistry Section, ASB

Steve Hall, Engineer Industrial Support, ESB

Attached are results of cyanide and classical analyses on subject samples.

🍅 🔭 Other analytical data remains to be reported.

Jan 15.

Tom B. Bennett, Jr.

Attachments

cc: Mike Carter

A Form 1320-6 (Rev. 3-76

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM LPA-ESD+REG IV ATHENS GEORGIA ****ANALYTICAL RESULTS**** UNITS PARAMETER -RESULTS 0.010 SPECIFIED ANALYSIS DATA REPORTING SHEET WATER DEG C TEMPERATURE 11/03/82 SAMPLE NO.: 8202838 SAMPLE TYPE: MONWL PROJECT NO.: 92-1318 PROGRAM ELEMENT: NSF SOURCE: SAAD SITE TROUSDALE RD CITY: NASHVILLE STATE: TN STATION I.D.: SS-SS-MW7 STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 09/17/82 945 SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0 COLLECTED BY: C.M. WILSON RECEIVED FROM: SAMPLE RECID: DATE/TIME 00/00/00 0 RECID BY: SEALED: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1356 INURG SAMPLE NO.: MD 9047 CONTRACT LABORATURY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABS REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW ###REMARKS### **POTNOTES***

*A-AVERAGE VALUE *NA-NUT ANALYZED *NAI-INTERFERENCES

*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN

*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD REG IV ATHENS GEORGIA *****ANALYTICAL RESULTS**** RESULTS UNITS PARAMETER -TU MG/KG CYANIDE SPECIFIED ANALYSIS
UATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(URY WT) 11/02/82 SAMPLE NO.: 82C2839 . SAMPLE TYPE: SOIL PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF SOURCE: SAAD SITE TROUSDALE RD CITY: NASHVILLE STATE: TN STATION I.D.: SS-CF-SP STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 09/16/82 SAMPLE CULLECTION: STOP DATE/TIME 00/00/00 COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D: DATE/IME 00/00/00 0 REC'D BY: SEALED: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1343 INURG SAMPLE NO.: MD 9042 CONTRACT LABORATURY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATURY(INORGANIC): ROCKY MTN AN LABS REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW >DATA REPORTED ON WET WEIGHT BASIS. ###FOOTNOTES### **FOOTNOTES***

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD REG IV ATHENS GEORGIA *****ANALYTICAL RESULTS**** RESULTS UNITS PARAMETER SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT) 11/02/82 SAMPLE NO.: 82C2828 ... SAMPLE_TYPE: SOIL PROJECT NO.: 82-1318 PROGRAM ELEMENT SOURCE: SAAD SITE TROUSDALE RD CITY: NASHVILLE STATE: TN PROGRAM ELEMENT: NSF STATION I.D.: SS-CS-4 STORET STATION NO: COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE RECID: DATE/TIME 00/00/00 0 RECIDE SEALED: NEC D BY: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1340 INURG SAMPLE NO: MD 8961 CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY (INORGANIC): HOCKY MTN AN LABS REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 DATA VERIFIED BY: MAW SAMPLE LOG VERIFIED BY: DLC >DATA REPORTED ON WET WEIGHT BASIS ###FOOTNOTES### **FOOTNOTES***

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESDIREG IV
ATHENS GEORGIA *****ANALYTICAL RESULTS**** RESULTS UNITS PARAMETER IU MG/KG CYANIDE SPECIFIED ANALYSIS DATA REPORTING SHEET SEDIMENT/SOIL/SLUDGE(URY WT) 11/02/82 SAMPLE NO.: 82C2826 . . SAMPLE TYPE: SOIL PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF SOURCE: SAAD SITE TROUSDALE RD. CITY: NASHVILLE STATE: TN STATION I.D.: SS-CS-85 STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430 SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0 COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D; DATE/TIME 00/00/00 0 REC'D BY: SEALED: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1280 INORG SAMPLE NO.: MD 8959 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): HOCKY MTN AN. LABS_____ REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW >DATA REPORTED ON WET WEIGHT BASIS ***FOOTNOTES** *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD. REG IV ATHENS GLORGIA.... *****ANALYTICAL RESULTS**** RESULTS UNITS PARAMETER
10 MG/KG CYANIDE SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT) 11/02/82 SAMPLE NO.: 8202825 SAMPLE TYPE: SOIL PROJECT NO.: 82-1318 PROGRAM ELEMENT SOURCE: SAAD SITE TROUSDALE RD. CITY: NASHVILLE STATE: TN PROGRAM ELEMENT: NSF STATION I.D.: SS-CS-7 STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400 SAMPLE COLLECTION: STOP DATE/TIME 08/00/00 0 COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D: DATE/TIME 00/00/200 0 REC'D BY: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1279 INURG SAMPLE NO.: MD 8958 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS HEMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW ***REMARKS***
>DATA REPORTED ON WET WEIGHT BASIS **POUTNOTES***

*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES

*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL

*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN

*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

THE MINIMUM DETECTION LIMIT.

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C	SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD.REG IV ATHENS GEORGIA	*****ANALYTICAL RESULTS***** RESULTS UNITS PARAMETER	STORET
C	11/02/82 SPECIFIED ANALYSIS DATA REPORTING SHEET SEDIMENT/SOIL/SLUDGE(DRY WT)		
C	SAMPLE NO.: 8202824SAMPLE TYPEL SOIL	· · · · · · · · · · · · · · · · · · ·	
ر 004	PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF SOURCE: SAAD SITE THOUSDALE HD. CITY: NASHVILLE STATE: TN		ا المحمد مع
	STATION I.D.: SS-CS-3A STORET STATION NO:		
	SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345		
2 2	COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY: SEALED:		
<u> </u>	CHEMIST: MAW CHEMIST: Analytical method:		9.5
C	CASE NO.: 1220 ORG SAMPLE NO: D 1278 INORG SAMPLE NO.: MD 8957 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS		
C	REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180		
	SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW		\$ 1.5°
	REMARKS >DATA REPORTED ON WET WEIGHT_BASIS		
U	*****************		1
C C	***FOOTNOTES*** *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.		7 9 8 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD REG IV AIHENS GEORGIA *****ANALYTICAL RESULTS**** RESULTS UNITS PARAMETER...
IU MG/KG CYANIDE SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(URY WT) 11/02/82 SAMPLE NO.; 82C2823 __ SAMPLE TYPE: SOIL $\mathbf{x}' = \mathbf{x}_{-1,2,2}, \qquad \forall_{\mathbf{x},\mathbf{y},\mathbf{x}',\mathbf{x},\mathbf{y}_{-1},\ldots,\mathbf{x}'_{2}}.$ PROJECT NO.: 82-1318 PROGRAM ELEMENT SOURCE: SAAD SITE TROUSDALE RD. CITY: NASHVILLE STATE: TN PROGRAM ELEMENT: NSF STATION I.D.: SS-CS-3 STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340...... SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0 COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE RECID: DATE/IME 00/00/00 0 RECID BY: SEALED: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1246 INORG SAMPLE NO.: MD 8956 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACJ LABORATORY(INORGANIC): ROCKY MTN AN. LABS REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW ***REMARKS*** _>DATA REPORTED ON WET WEIGHT_BASIS __ *A-AVERAGE VALUE *NA-NUT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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C	SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESUSREG IV ATHENS GEORGIA TU MG/KG CYANIDE	STORET
U INC.	11/02/82 SPECIFIED ANALYSIS DATA REPORTING SHEET SEDIMENT/SOIL/SLUDGE(DRY WT)	
	SAMPLE NO.: BZCZ820 SAMPLE TYPE: SOIL	
U ⊲	PHOJECT NO.: 82-1318 PROGRAM ELEMENT: NSF SOUNCE: SAAD SITE TROUSDALE RD. CITY: NASHVILLE STATE: TN	3 A 2 A 2
C SV	SAMPLE LULIFILIUM; START DATE/TIME VO/10/02 1303	7.8
C	COLLECTED RY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D: DATE/IME 00/00/00 0 REC'D BY: SEALED:	W. Joh
	CHEMIST: MAW CHEMIST: ANALYTICAL METHOD:	
	CASE NO.: 1220 ORG SAMPLE NO: D 1243 INURG SAMPLE NO.: MD 8953 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS	
	REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW	
U	***REMARKS*** >DATA REPORTED ON WET_WEIGHT BASIS	
C	*******	
C	***FOOTNOTES*** *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS	7
	THE MINIMUM DETECTION LIMIT.	· · · · · · · · · · · · · · · · · · ·

U	SAMPLE AND ANALYSIS MANAGEMENT SYSTEM EPA-ESD.REG IV ATHENS_GEORGIA	*****ANALYTICAL RESULTS***** RESULTS UNITS PARAMETER IU MG/KG CYANIDE	STORET ON THE
C	11/02/82 SPECIFIED ANALYSIS DATA REPORTING SHEET		
L	SEDĬMĖÑT/ŠOĬĹ/ŠĽŬDĞĒ(ŪŔY WT)		
	SAMPLE NO.: 82C2819 SAMPLE TYPE: SOIL	y the state of the	
	PROJECT NO.: 82-1316 PROGRAM ELEMENT: NSF		
	PROJECT NO.: 82-1316 PROGRAM ELEMENT: NSF SOURCE: SAAD SITE TROUSDALE RD. CITY: NASHVILLE STATE: TN		$r = \frac{r}{r}$
	STATION I.D.: SS-CS-2 STORET STATION NO:		
	SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250	and the second of the second o	200
	COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE RECID: DATE//IME 00/00/00 0 RECID BY:		
	CHEMIST: MAW CHEMIST: ANALYTICAL METHOD:		
C	CASE NO.: 1220 ORG SAMPLE NO: D 1242 INORG SAMPLE NO.: MD CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY (INORGANIC): ROCKY MTN AN. LABS	8952	
U	REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180		
	SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW		
	REMARKS >DATA REPORTED ON WET WEIGHT BASIS		
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U	***FOOTNOTES*** *A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENC *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE O *K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBE THE MINIMUM DETECTION LIMIT.	ES F MATERIAL	,
U	THE MINIMUM DETECTION LIMIT.	r. 15	
			,

****ANALYTICAL RESULTS**** SAMPLE AND ANALYSIS MANAGEMENT SYSTEM ATHENS GEORGIA RESULTS UNITS PARAMETER... SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(URY WT) 11/02/82 SAMPLE NO.: #2C2818 SAMPLE TYPE: SOIL PROJECT NO.: 82-1316 PROGRAM ELEMENT: NSF SOURCE: SAAD SITE THOUSDALE RD. CITY: NASHVILLE STATE: TN STATION I.D.: SS-CS-1 STORET STATION NO: SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245 SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0 COLLECTED BY: C.H. WILSON RECEIVED FROM: SAMPLE REC'D: DATE/TIME_00/00/00 U REC'D BY: SEALED: CHEMIST: MAW CHEMIST: ANALYTICAL METHOD: CASE NO.: 1220 ORG SAMPLE NO: D 1241 INORG SAMPLE NO.: MD 8951 CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176 REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180 SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW ***REMARKS*** >DATA REPORTED ON WET WEIGHT BASIS ***FOOTNOTES#* **FOOTNOTES***

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